



East Mt. Zion SUPERFUND SITE

Springettsbury Township, York County, Pennsylvania

U.S. Environmental Protection Agency • Region III • Superfund Fact Sheet • February 1999

Landfill Cap Construction Complete!

This fall, the U.S. Environmental Protection Agency (EPA), the U.S. Army Corps of Engineers (USACE) and the site contractor, Republic Environmental Systems, Inc. (RES), successfully completed construction of the landfill cap at the East Mt. Zion Superfund Site. This construction marks the end of the Landfill Closure Project and the beginning of final site cleanup completion activities.

During the past 16 months, workers completed the following activities at the site:

- Excavating, compacting and redistributing approximately 60,000 cubic yards of refuse from the western portion of the landfill to reduce the steep slopes on the western and southern sides.
- Moving refuse discovered outside of the landfill property back on the landfill.
- Installing a multilayer landfill cap consisting of a geotextile fabric liner, a gas collection layer, a geosynthetic clay liner, a



During cap construction, over 60,000 cubic yards of refuse was relocated to reduce the steep slopes of the landfill. Pictured to the left is a view from the top of the cap looking west.

drainage layer, cover soil, top soil and new vegetation.

- Constructing erosion and stormwater management measures including catch basins, overflow areas and drainage channels.
- Erecting a site fence around the property.
- Re-landscaping the disturbed areas and planting new trees and other vegetation. □

Final Site Inspections

In October 1998, representatives from EPA, USACE, RES, the

Pennsylvania Department of Environmental Protection (PaDEP), the York County Board of Parks and their consultants conducted a pre-final inspection of the cap and other construction work. This inspection was conducted to ensure that all activities were completed in accordance with EPA's Record of Decision (ROD), Remedial Design and Quality Assurance Plan.

During this inspection, EPA identified a few minor items at the site that needed to be addressed. Subsequent to this inspection, USACE and RES completed the work necessary to address these

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items. In December 1998, EPA conducted a final site inspection and determined that all construction activities were completed in accordance with EPA requirements. ▣

Next Steps

On February 4, 1999, EPA issued a Preliminary Close Out Report (PCOR) for the East Mt. Zion Site. The PCOR outlines the completed construction activities at the site and lists the activities remaining for final site completion. In addition to issuing the PCOR, EPA will initiate the groundwater sampling and monitoring program at the site. This sampling and monitoring program will determine if the cap is successful in preventing water from coming in contact with the waste and further contaminating the groundwater beneath the site. Furthermore, deed restrictions will be placed on the site to prevent any future use of the property.

EPA will conduct periodic reviews of the site to evaluate the effectiveness of the cleanup. However, long-term operation and maintenance of the landfill cap, sampling of the groundwater wells and all other remaining aspects of the cleanup will be handled by PaDEP.

Once the site conditions meet the cleanup goals EPA identified in its 1990 ROD, EPA will remove the site from the National Priorities List. ▣

Site Files

EPA's local repository contains all site-related documents and is available for public review at the location below.

Springettsbury Twp. Building
1501 Mt. Zion Road
York, PA 17402
(717) 757-3521

You can also get information about EPA and the East Mt. Zion Site, on the World Wide Web at:

www.epa.gov/region3

Contacting the Cleanup Team

If you have any questions regarding cleanup work at the East Mt. Zion Site, you may contact one of the project officials listed below at: 1650 Arch Street, Philadelphia, PA 19103-2029.

Bill Hudson (3HS43)
EPA Community
Involvement Coordinator
(800) 553-2509 or (215) 814-5532
[HUDSON.WILLIAM@](mailto:HUDSON.WILLIAM@EPAMAIL.EPA.GOV)
EPAMAIL.EPA.GOV

John Banks (3HS22)
EPA Remedial
Project Manager
(215) 814-3214
[BANKS.JOHN-D@](mailto:BANKS.JOHN-D@EPAMAIL.EPA.GOV)
EPAMAIL.EPA.GOV



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Bill Hudson (3HS43)
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Philadelphia, PA 19103-2029



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